

FIGURE 1

Proposed Synthesis of CNCbl poly-L-lysine-DTPA

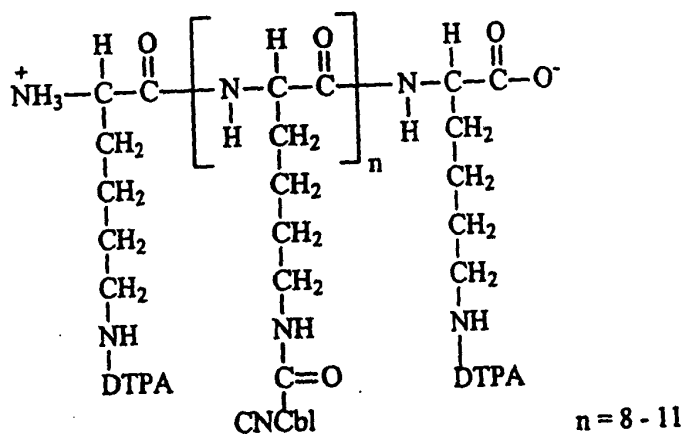
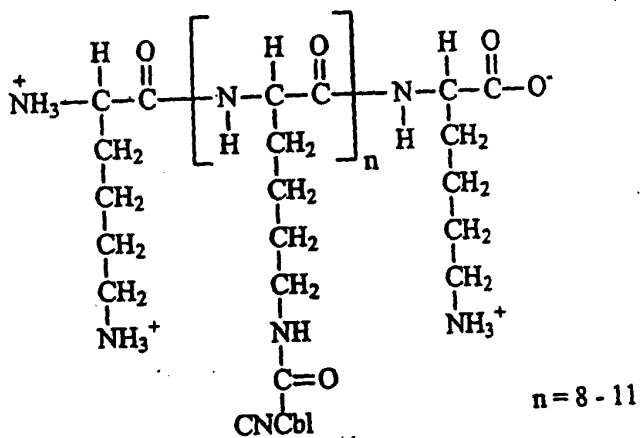
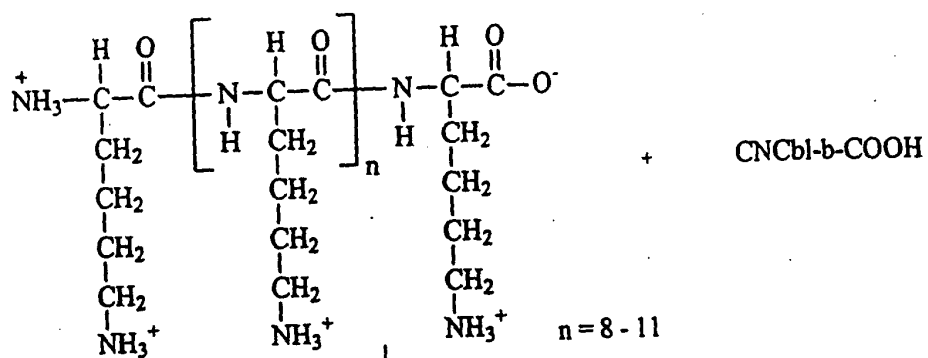


FIG. 2

10027593-102501

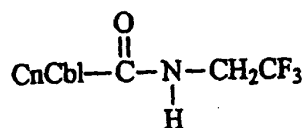
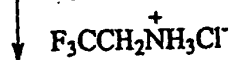
Synthesis of adenosyltrifluoroethylamidocobalamins

CNCbl-COOH (b, d, and e)

WSC

Hydroxybenzotriazole

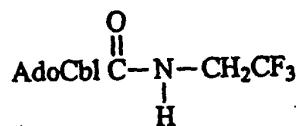
(1, 2, and 3)



(4, 5, and 6)

$\downarrow$   $\text{NaBH}_4$

5'-CHLORO-5'-DEOXYADENOSINE



(8 and 9)

FIG. 3

10027593, 102501

Synthesis of adenosyltrifluoroethylamidocobalamins

CNCbl di COOH

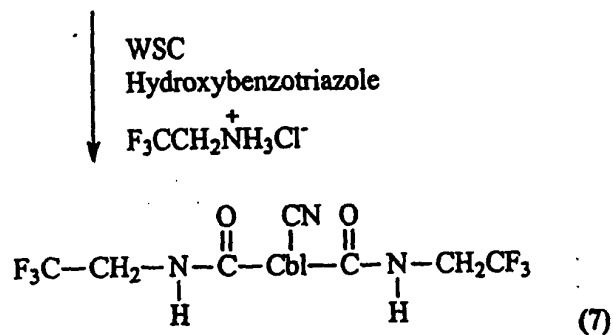


FIG. 4

Synthesis of cyano-b-trifluoroacetamidobutylamidocobalamin

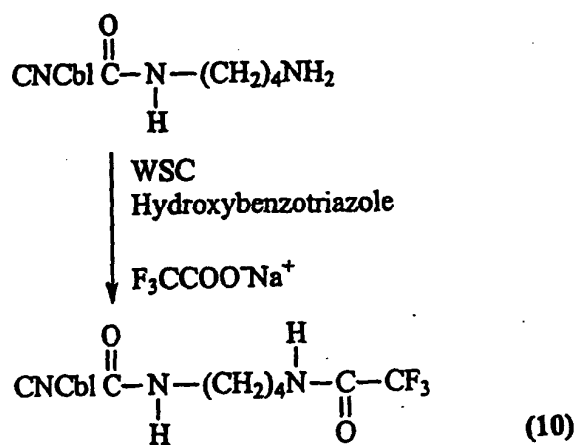


FIG. 5

Synthesis of cyanotrifluoroacetyl polylysine cobalamin

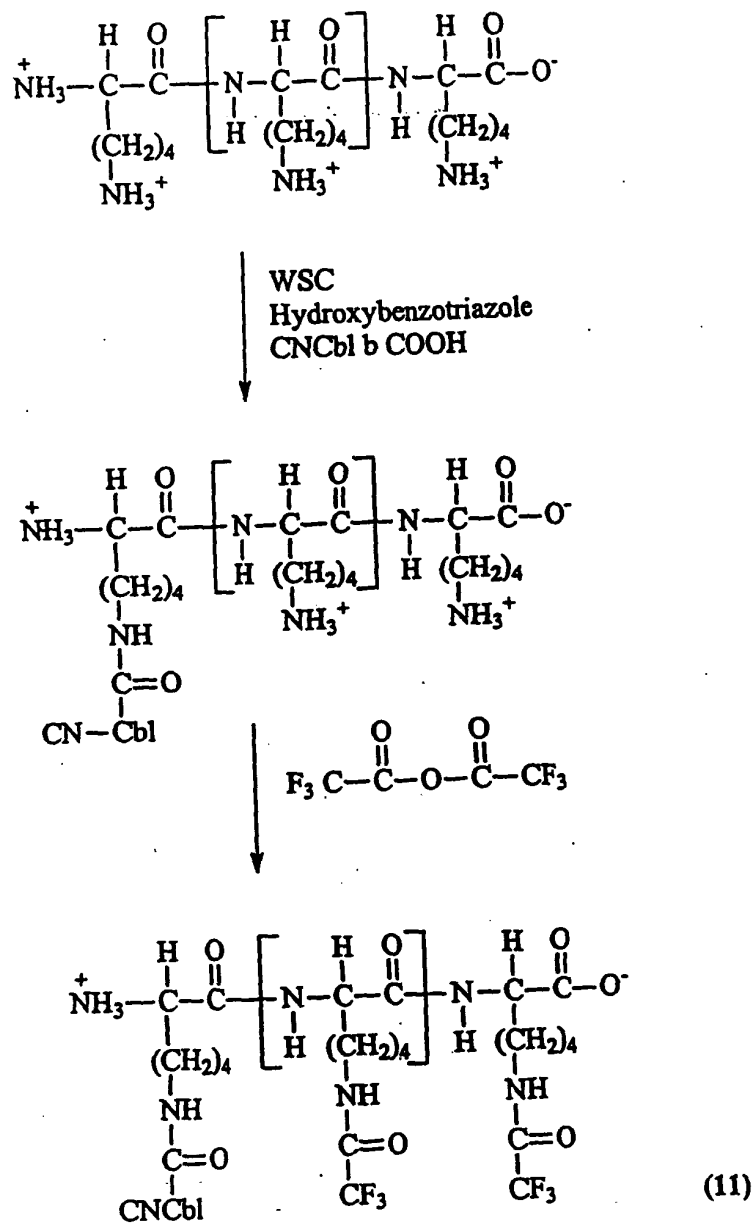


FIG. 6

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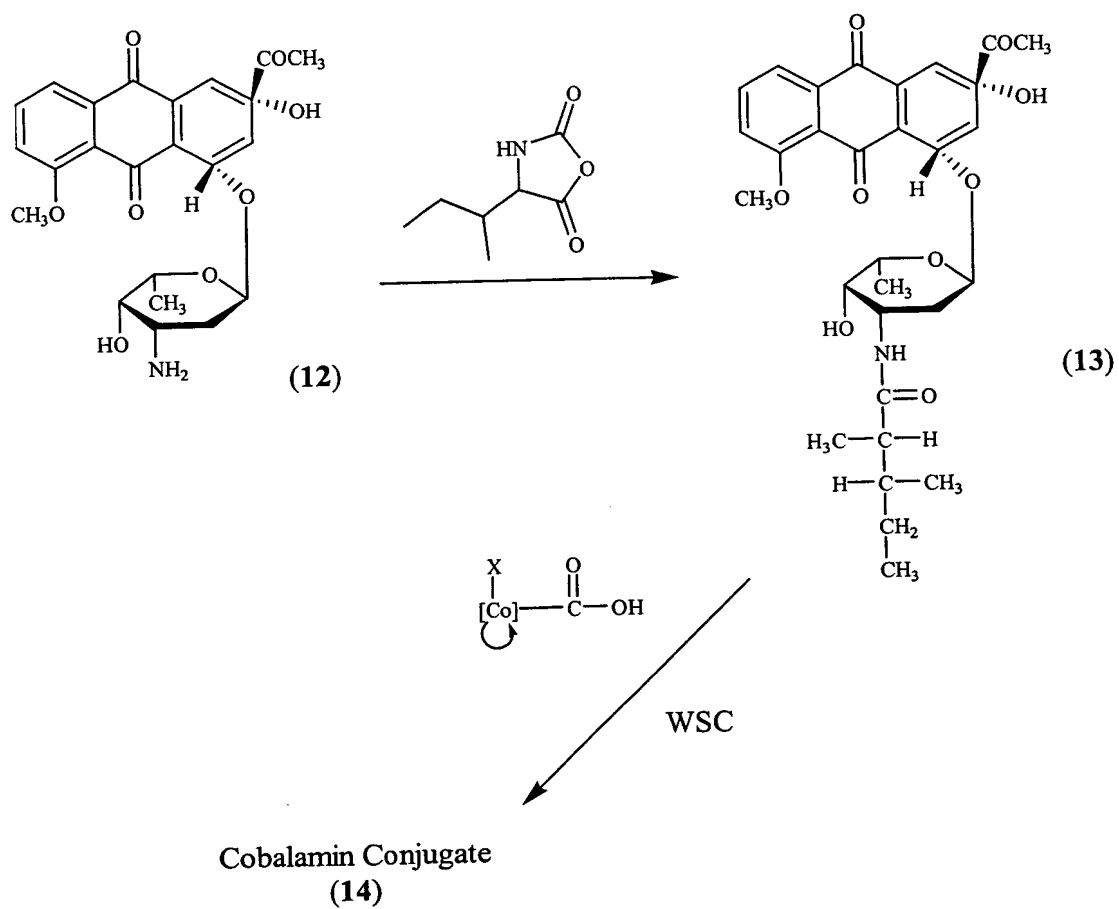


FIGURE 7